



TYPE APPROVAL CERTIFICATE
No. ELE216108CS/010



This is to certify that the product below is found to be in compliance with the applicable requirement of the RINA type approval system.

<i>Description</i>	Pressure transmitters
<i>Type</i>	8242; 8282
<i>Applicant</i>	TRAFAG AG Sensors and Controls Emil-Staub-Strasse 1, CH-8708 Mannedorf SWITZERLAND
<i>Manufacturer</i>	TRAFAG AG Sensors and Controls
<i>Place of manufacture</i>	Emil-Staub-Strasse 1, CH-8708 Mannedorf SWITZERLAND
<i>Reference standards</i>	Rules for the classification of ships.- Part C - Machinery, systems and fire protection. - Ch.3, Sect. 6, Table 1.

Issued in **Genoa** on **June 25, 2008**. *This Certificate is valid until* **June 25, 2013**


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This certificate consists of this page and 1 enclosure



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Main features

Engine pressure transmitter for relative pressure measurement: 8242, 8282

Sensor: Thin film on steel (AISI 630) ;

O-Ring: FKM70°Sh

Accuracy@ +60°C: $\pm 1\%$ FS Std. or 0,5 % FS Optional

(calibrated for engine working temperature @ +60°C)

NLH@ +60°C (BSL through 0): $\pm 0,2 - 0,25\%$ FSSignal output: 4-20mA; 0,5...4,5 Vdc : 5Vdc \pm 0,25Vdc (ratiom.)

Voltage supply: 24Vdc nom.

Housing : AISI 304

Protection: IP65

Range (bar)	Overpressure (bar)	Burst pressure (bar)
0...2,5	6	100
0...4,0	10	100
0...6,0	15	100
0... 10	20	200
0... 16	32	200
0... 25	80	300
0... 40	80	300
0...60	200	500
0...100	200	500
0...160	500	1000
0...250	500	1000
0...400	800	1500
0...600	1000	2000

0...1600	3000	4000
0...2000	3000	4000

8282 with inversed electrical connection: pin 1+, pin 2-

Technical description

DataSheet: 8242 / 82 Engine Pressure Transmitter EPT; doc. n° 2.3.1.8_ 2.3.1.9 (03/2006)

